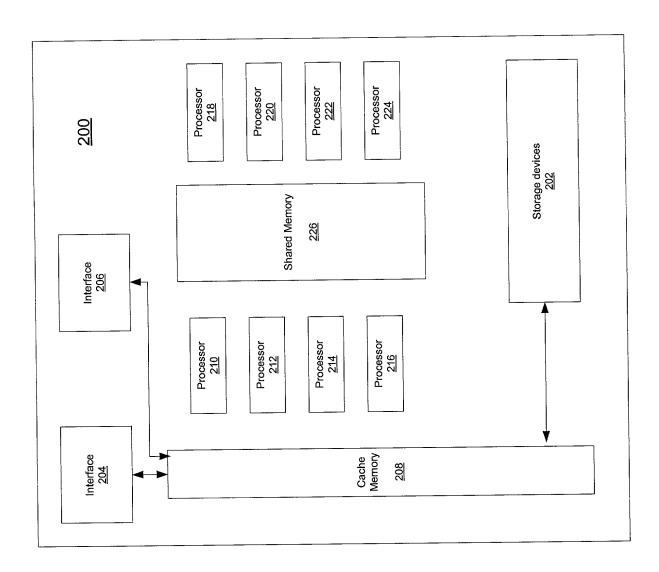
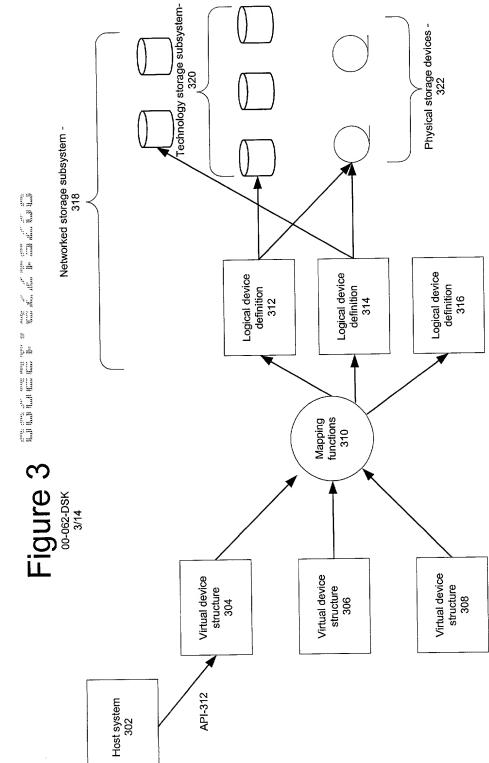


Figure 2





RAID stripe group A

Data - records n_i through n_k; records n_{y+1} through n_z

Figure 4

404

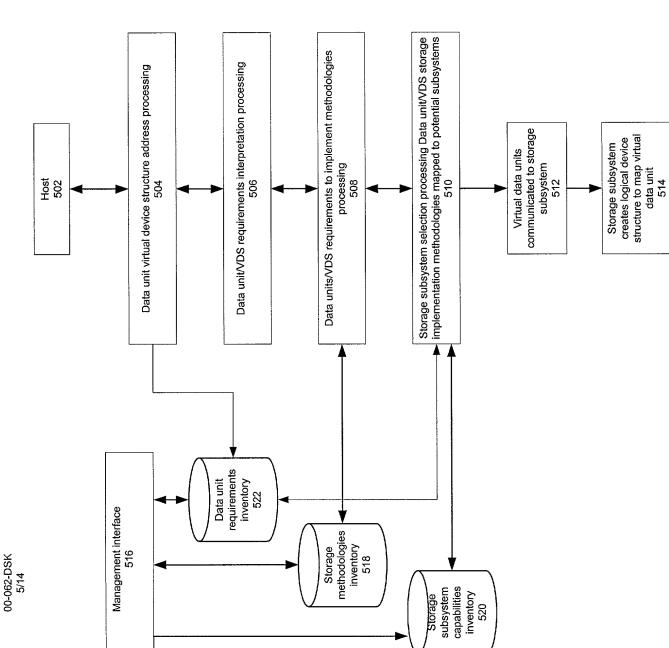
RAID stripe group B

Data - records n_{k+1} through n_x; records ...

RAID stripe group C

Data - records n_{x+1} through n_y; records

True than they to will the half has





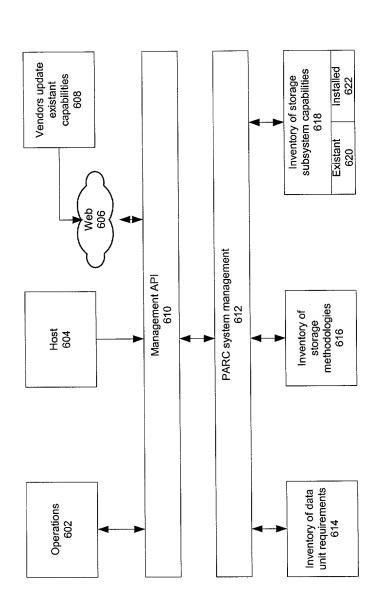
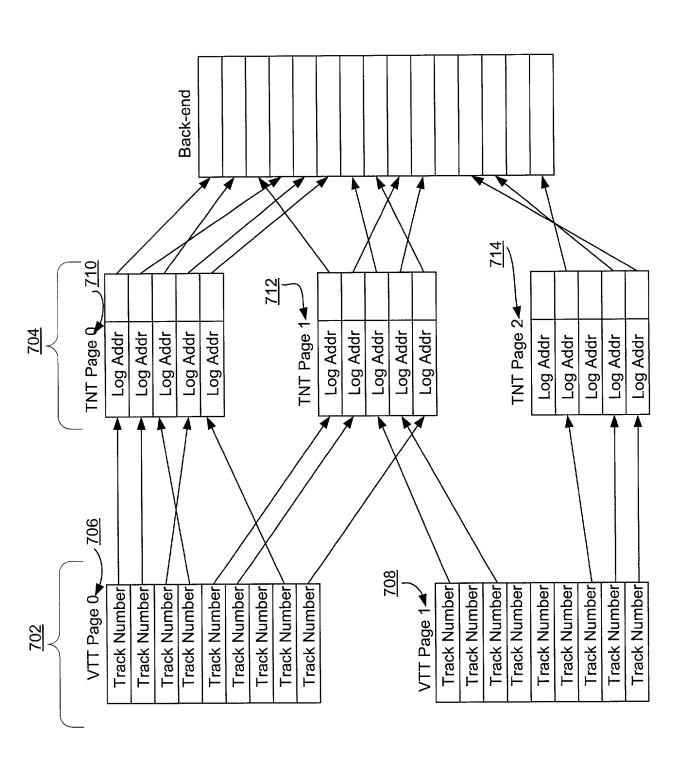
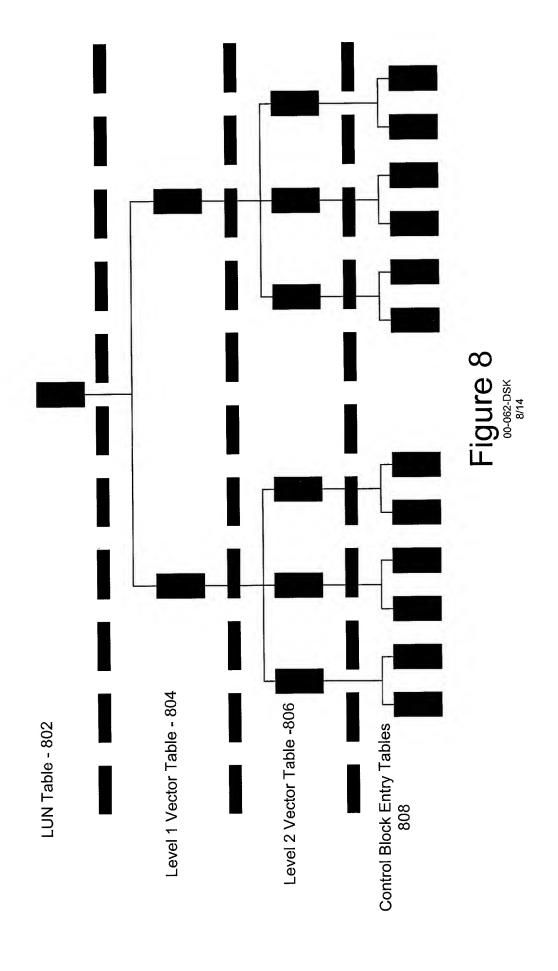


Figure 7





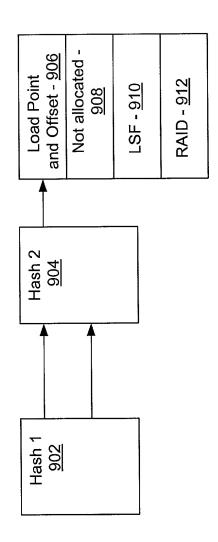
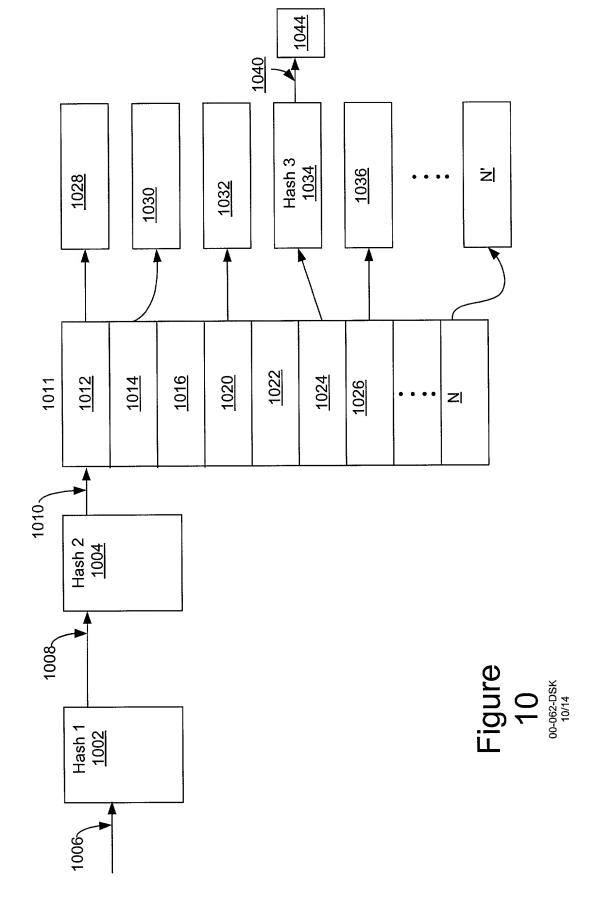


Figure 9



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Stripe 2 Parity - 1161 Stripe 3 - 1162 Stripe 4 - 1163 Stripe 5M - 1164	Drive - 1160
Stripe 1 Parity - 1151 Stripe 2 - 1152 Stripe 3 - 1153 Stripe 5 - 1154	Drive - 1150
Stripe 1 - 1141 Stripe 2 - 1142 Stripe 3 - 1143 Stripe 4 Parity - 1144	Drive - 1140
Stripe 1 - 1131 Stripe 2 - 1132 Stripe 2 - 1132 Stripe 4 - 1134	Drive - 1130
Stripe 1 - 1121 Stripe 2 - 1122 Stripe 3 - 1123 Stripe 4 - 1124	Drive - 1120
Stripe 1 - 1111 Stripe 4 - 1112 1113 1114	Drive - 1110

00-062-DSK 12/14

1210 1212 Number of Blocks Number of Blocks 1220-Unused 1208 — Parity LUN Logical Block Address Logical Block Address Logical Block Address Unused Unused PLUN Cache Pointer Cache Pointer 1218-1222 <u>1206</u> — Unused Flags Flags 1216 -1204~ Unused N C N N L N 1202 Bytes 13-16 Bytes 13-16 **Bytes 8-12 Bytes 8-12** Bytes 0-3 Bytes 0-3 Bytes 4-7 Bytes 4-7

1224

Figure 13

	Timestamp	tamp
	LBA of previous stripe	vious stripe
Previous stripe LUN	Index of parity drive	Previous stripe LUN Index of parity drive RAID type of stripe # of strips in stripe
Strip size in blocks		
	,	
1st LUN in stripe	Active count	# of host pieces in strip Unused
	LBA of data	LBA of data on 1st LUN
2nd LUN in stripe	Active count	# of host pieces in strip Unused
	LBA of data on 2nd LUN	on 2nd LUN
Nth LUN in stripe	Active count	# of host pieces in strip Unused
	LBA of data on Nth LUN	on Nth LUN
Host LUN	Length in strip	Host Length
	SOH	Host LBA
Host LUN	Length in strip	Host Length
	Hos	Host LBA

